



31-04

PATENTS  
Q01-1071/  
108047-0051C1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Michael Mallary )  
Serial No.: 10/689,534 )  
Filed: October 20, 2003 )  
For: MASTER FOR PRINTING SERVO )  
PATTERNS )

Examiner: n/a

Art Unit: 2651

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
March 30, 2004

"Express Mail" Mailing-Label Number: EV 335587094US

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

**LETTER**

Enclosed is an Associate Power of Attorney relating to the above-referenced patent application. We also request that the correspondence address for the above-identified patent application be changed to:

Patricia A. Sheehan  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210

PATENTS  
108047-0051C1  
Q01-1071

Please charge any additional fee occasioned by this paper to our Deposit Account  
No. 03-1237.

Respectfully submitted,



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### ASSOCIATE POWER OF ATTORNEY

Please recognize Michael E. Attaya, Reg. No. 31,731; Michael J. Badzinski, Reg. No. 51,425; Charles J. Barbas, Reg. No. 32,959; James M. Behmke, Reg. No. 51,448; James A. Blanchette, Reg. No. 51,477; John L. Capone, Reg. No. 41,656; Robert A. Cesari, Reg. No. 18,381; Duane H. Dreger, Reg. No. 48,836; A. Sidney Johnston, Reg. No. 29,548; Stephen E. Kabakoff, Reg. No. 51,276; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Edwin H. Paul, Reg. No. 31,405; Michael R. Reinemann, Reg. No. 38,280; Robert E. Rigby, Jr., Reg. No. 36,904; Rita M. Rooney, Reg. No. 30,585; and Patricia A. Sheehan, Reg. No. 32,301, Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210, jointly, and each of them severally, as my associate attorneys, with full power of substitution, delegation and revocation, to prosecute the applications listed on attached Schedule A, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Patricia A. Sheehan at (617) 951-2500. Please address all correspondence to Patricia A. Sheehan.

Respectfully submitted,

Date 1/27/04

A handwritten signature in black ink, appearing to read "D M Sigmund".

David M. Sigmund  
Reg. No. 34,013



SCHEDULE A

<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
10/440,588	5/19/03	MULTIPLE READS ON DATA DETECTION
09/481,210	10/13/99	DETECTING ERRORS IN CODED BIT STRINGS
09/439,774	11/12/99	SHARED GALOIS FIELD MULTIPLIER
10/280,881	10/25/02	CONCAVE TRAILING EDGE WRITE POLE FOR PERPENDICULAR RECORDING
09/999,043	11/1/01	MASTER SOFT UNDER LAYER FOR PRINTING PERPENDICULAR MEDIA
10/136,153	5/1/02	PREMAGNETIZATION PROCESS FOR PRINTING LONGITUDINAL MEDIA
10/027,221	12/21/01	IMPROVED PRINTING LONGITUDINAL MEDIA BY PERPENDICULAR FIELD
10/253,763	9/24/02	ON SLIDER INDUCTORS AND CAPACITORS TO REDUCE ELECTROSTATIC DISCHARGE DAMAGE
10/269,159	10/11/02	MAGNETO BIAS CURRENT PERPENDICULAR TO PLANE GIANT MAGNETO RESISTIVE SENSOR
10/282,075	10/28/02	SOFT UNDERLAYER STRUCTURE FOR PERPENDICULAR RECORDING
10/408,650	4/7/03	INCREASING AREAL DENSITY IN MAGNETIC RECORDING MEDIA
10/694,328	10/27/03	ENCODING METHOD USING CODE VIOLATION POINTERS
10/454,326	6/4/03	ERROR RECOVERY STRATEGIES FOR ITERATIVE DECODERS
10/608,320	6/27/03	SIMPLE ERROR-CORRECTION CODES FOR DATA BUFFERS
10/680,264	10/7/03	SYMBOL-LEVEL SOVA AND A SIMPLIFICATION ON SOVA